

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	575	plasma.clm. and (intermodulat\$5 product).clm. and frequency.clm.	US-PGPUB; USPAT	OR	ON	2007/08/20 17:26
L2	158	plasma.clm. and (intermodulat\$5 product).clm. and frequency.clm. and (detect\$4 sens\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/08/20 17:27
L3	135	2 and (substrate wafer semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2007/08/20 17:27
L4	19	baldwin-craig.in. spearow-carl.in. vukovic-mirko.in.	US-PGPUB; USPAT	OR	ON	2007/08/20 17:28
S1	40	(118/715-733.ccls 156/345.\$ccls.) and (control\$4 with (intermodulation multipl\$5) with signal\$3)	US-PGPUB; USPAT	OR	ON	2007/01/11 14:07
S2	5	(118/715-733.ccls 156/345.\$ccls.) and (plasma with control\$4 with (intermodulation multipl\$5) with signal\$3)	US-PGPUB; USPAT	OR	ON	2005/09/07 20:33
S3	8	(118/715-733.ccls 156/345.\$ccls.) and (plasma with control\$4 with (intermodulation multipl\$5 product) with signal\$3)	US-PGPUB; USPAT	OR	ON	2005/09/07 20:39
S4	69	(plasma with control\$4 with (intermodulation multipl\$5 product) with signal\$3)	US-PGPUB; USPAT	OR	ON	2005/09/07 20:39
S5	69	(plasma with control\$4 with (intermodulat\$3 multipl\$5 product) with signal\$3)	US-PGPUB; USPAT	OR	ON	2005/09/07 20:49
S6	60	(plasma same control\$4 same (intermodulat\$3 multipl\$5 product) same signal\$3)	EPO; JPO; DERWENT	OR	ON	2005/09/08 13:22
S7	2	baldwin-craig.in. spearow-carl.in. vukovic-mirko.in.	EPO; JPO; DERWENT	OR	ON	2005/09/07 21:00
S8	12	baldwin-craig.in. spearow-carl.in. vukovic-mirko.in.	US-PGPUB; USPAT	OR	ON	2007/08/20 17:28
S9	1	S8 and intermodulat\$4	US-PGPUB; USPAT	OR	ON	2005/09/07 21:00
S10	0	118/724.ccls. and intermodulat\$4	US-PGPUB; USPAT	OR	ON	2005/09/07 21:00
S11	1	156/345.24.ccls. and intermodulat\$4	US-PGPUB; USPAT	OR	ON	2005/09/07 21:11
S12	65	156/345.24.ccls. and (multipl\$5 with (signal value result))	US-PGPUB; USPAT	OR	ON	2005/09/07 21:02
S13	15	(156/345.24.ccls. 156/345.28.ccls.) and (multipl\$5 with (signal value result) with plasma)	US-PGPUB; USPAT	OR	ON	2005/09/07 21:04
S14	49	(156/345.24.ccls. 156/345.28.ccls.) and ((multipl\$5 product) with (signal value result) with plasma)	US-PGPUB; USPAT	OR	ON	2007/01/10 18:22
S15	53	156/345.24.ccls. and modulats\$4	US-PGPUB; USPAT	OR	ON	2005/09/07 21:12
S16	25	156/345.24.ccls. and (modulats\$4 with signal)	US-PGPUB; USPAT	OR	ON	2005/09/07 21:12
S17	7	((("3752948") or ("5025135") or ("5325019") or ("5458732") or ("5472561") or ("5576629") or ("6351683")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/08 12:02
S18	7	("6351683").URPN.	USPAT	OR	ON	2005/09/08 12:36
S19	23	("4043889" "4116783" "4207137" "5025135" "5160402" "5195045" "5325019" "5347460" "5472561" "5474648" "5479340" "5523955" "5535906" "5543689" "5556501" "5556549" "5571366" "5573595" "5576629" "5621331" "5629653" "5658423" "5824606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 13:14
S20	63	plasma with test\$3 with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 13:15

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S21	0	plasma with test\$3 with sensor with (product multipl\$7)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 13:15
S22	0	plasma with test\$3 with sensor with (sum)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 13:16
S23	0	plasma with test\$3 with sensor with (sum\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 13:16
S24	10	plasma same (test\$3 with sensor with (sum\$4 product multipl\$7))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 13:19
S25	0	plasma same (test\$3 with sensor with (sum\$4 product multipl\$7))	EPO; JPO; DERWENT	OR	ON	2005/09/08 13:19
S26	0	plasma same (test\$3 same sensor same (sum\$4 product multipl\$7))	EPO; JPO; DERWENT	OR	ON	2005/09/08 13:20
S27	101	plasma same (sensor same (sum\$4 product multipl\$7))	EPO; JPO; DERWENT	OR	ON	2005/09/08 13:20
S28	1	plasma same control\$4 same (intermodulat\$3 multipl\$5 product) same (signal\$3 with ("RF" (radio adj frequency)))	EPO; JPO; DERWENT	OR	ON	2005/09/08 13:24
S29	77	plasma same control\$4 same (intermodulat\$3 multipl\$5 product) same (signal\$3 with ("RF" (radio adj frequency)))	US-PGPUB; USPAT	OR	ON	2005/09/08 13:24
S30	82	plasma same control\$4 same (intermodulat\$3 multipl\$7 product sum\$4) same (signal\$3 with ("RF" (radio adj frequency)))	US-PGPUB; USPAT	OR	ON	2005/09/08 13:24
S31	9	("4525871").URPN.	USPAT	OR	ON	2005/09/08 13:36
S32	27	("5175472").URPN.	USPAT	OR	ON	2005/09/08 13:43
S33	0	("6841124").URPN.	USPAT	OR	ON	2005/09/08 14:13
S34	6	118/719.ccls. and turner.in.	US-PGPUB; USPAT	OR	ON	2005/09/12 14:29
S35	1	("6309901").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/12 16:19
S36	360	(plasma with (begin\$4 commenc\$4 start\$4 creat\$4) with (signal\$4 detect\$4 measur\$4))	EPO; JPO; DERWENT	OR	ON	2005/10/02 20:19
S37	13	S36 and (intermodulat\$4 multipl\$7)	EPO; JPO; DERWENT	OR	ON	2005/10/02 19:06
S38	0	S36 same (intermodulat\$4 multipl\$7)	US-PGPUB; USPAT	OR	ON	2005/10/02 19:07
S39	0	S36 and (intermodulat\$4 multipl\$7)	US-PGPUB; USPAT	OR	ON	2005/10/02 19:06
S41	1469	(plasma with (begin\$4 commenc\$4 start\$4 creat\$4) with (signal\$4 detect\$4 measur\$4))	US-PGPUB; USPAT	OR	ON	2005/10/02 19:07
S42	30	S41 same (intermodulat\$4 multipl\$7)	US-PGPUB; USPAT	OR	ON	2005/10/02 19:19
S43	1082	((intermodulat\$4 multipl\$7 product) with (signal\$4 detect measur\$4) with plasma)	US-PGPUB; USPAT	OR	ON	2005/10/02 19:20
S44	37	((intermodulat\$4 multipl\$7 product) with (signal\$4 detect measur\$4) with plasma with presence)	US-PGPUB; USPAT	OR	ON	2005/10/02 19:23
S45	7	((("3572948") or ("5025135") or ("5325019") or ("5458732") or ("5472561") or ("5576629") or ("6351683")).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/02 19:52
S46	0	moroi.in. and multiplication	US-PGPUB; USPAT	OR	ON	2005/10/02 19:53
S47	1	moroi.in. and multiplication	EPO; JPO; DERWENT	OR	ON	2005/10/02 19:53

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S48	0	hitachi.as. and (end\$1point with plasma) and multiplication	EPO; JPO; DERWENT	OR	ON	2005/10/02 19:54
S49	0	hitachi.as. and (end\$1point with plasma) and multiplication	US-PGPUB; USPAT	OR	ON	2005/10/02 19:54
S50	7	hitachi.as. and (end\$1point with plasma)	US-PGPUB; USPAT	OR	ON	2005/10/02 19:56
S51	14	plasma same intermodulation	US-PGPUB; USPAT	OR	ON	2005/10/02 19:56
S52	15	plasma same intermodulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/02 19:56
S53	4	("5536928" "5565737" "5770992" "6061006").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/02 20:05
S54	22	OOHIRAHARA.in.	EPO; JPO; DERWENT	OR	ON	2005/10/02 20:19
S55	8	OOHIRAHARA.in. and etch\$3	EPO; JPO; DERWENT	OR	ON	2005/10/02 20:24
S56	2	"63051484"	EPO; JPO; DERWENT	OR	ON	2005/10/02 20:23
S57	2	"01226153"	EPO; JPO; DERWENT	OR	ON	2005/10/02 20:42
S58	3	156/345.28.ccls. and (signal with test)	US-PGPUB; USPAT	OR	ON	2005/10/02 20:47
S59	51	156/345.28.ccls. and (signal with source)	US-PGPUB; USPAT	OR	ON	2005/10/02 20:44
S60	68	(US-20020026251-\$ or US-20020068012-\$ or US-20020195330-\$ or US-20030015415-\$ or US-20030054655-\$ or US-20030199108-\$ or US-20030226821-\$ or US-20040147131-\$ or US-20040197938-\$ or US-20050034811-\$ or US-20050067102-\$ or US-20050084988-\$ or US-20050087298-\$ or US-20050151544-\$ or US-20040112860-\$ or US-20040226657-\$ or US-20020135378-\$ or US-20040007984-\$.did. or (US-4207137-\$ or US-4525871-\$ or US-5001326-\$ or US-5025135-\$ or US-5160402-\$ or US-5175472-\$ or US-5273609-\$ or US-5405488-\$ or US-5467013-\$ or US-5472561-\$ or US-5479340-\$ or US-5523955-\$ or US-5552675-\$ or US-5705931-\$ or US-5770922-\$ or US-5971591-\$ or US-6197116-\$ or US-6252354-\$ or US-6287980-\$ or US-6351683-\$ or US-6447719-\$ or US-6458321-\$ or US-6535785-\$ or US-6615157-\$ or US-6825050-\$ or US-6825920-\$.did. or (US-6841124-\$ or US-6852277-\$ or US-6902646-\$ or US-6920312-\$ or US-6939519-\$ or US-RE38273-\$ or US-5325019-\$ or US-5458732-\$ or US-5029174-\$ or US-5565737-\$ or US-6522121-\$ or US-6707255-\$.did. or (EP-568920-\$ or EP-458324-\$.did. or (JP-01048420-\$ or JP-06045267-\$ or JP-61247031-\$ or JP-01226153-\$.did. or (SU-1184113-\$ or US-20050067102-\$ or EP-458324-\$ or EP-685729-\$ or WO-9907914-\$ or JP-01226153-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/02 20:44
S61	6	S59 and S60	US-PGPUB; USPAT	OR	ON	2005/10/02 20:44
S62	182	156/345.28.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/02 20:47
S63	58	S62 and ((transmi\$5 send\$3 sent) with signal)	US-PGPUB; USPAT	OR	ON	2005/10/02 20:48
S64	3	("4668366" "5173146" "5415718").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/02 21:09

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S65	4	("6060329").URPN.	USPAT	OR	ON	2005/10/02 21:11
S66	182	156/345.28.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/03 14:38
S67	1	S66 and (signal\$3 with ignit\$5)	US-PGPUB; USPAT	OR	ON	2005/10/03 13:43
S68	58	("2405229" "2483189" "2735941" "2971153" "3265967" "3290614" "3383509" "3388327" "3416077" "3439266" "3474336" "3490037" "3509452" "3572948" "3599089" "3699475" "3899752" "3956695" "4034312" "4096453" "4354166" "4540955" "4775845" "4899100" "4944211" "4949053" "4952246" "5082517" "5245405" "5304282" "5383019" "5455565" "5506475" "5568801" "5621331" "5691642" "5907820" "5936413" "5939886" "5945888" "6027601" "6074568" "6260408" "6339297" "6573731").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 13:48
S69	5	("3572948").URPN.	USPAT	OR	ON	2005/10/03 13:53
S70	5	("3572948").URPN.	USPAT	OR	ON	2005/10/03 13:57
S71	31	("5383019").URPN.	USPAT	OR	ON	2005/10/03 14:02
S72	7	("5691642").URPN.	USPAT	OR	ON	2005/10/03 14:19
S73	6	("4951602" "5180985" "5194731" "5308977" "5519215" "5545895").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 14:21
S74	0	("6799532").URPN.	USPAT	OR	ON	2005/10/03 14:27
S75	1	("3572948").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/03 14:36
S76	1	("5691642").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/03 14:36
S77	6	("4951602" "5180985" "5194731" "5308977" "5519215" "5545895").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 14:36
S78	106	156/345.28.ccls. and (sens\$3 ignit\$4)	US-PGPUB; USPAT	OR	ON	2005/10/03 14:38
S79	6	156/345.28.ccls. and (sens\$3 with ignit\$4)	US-PGPUB; USPAT	OR	ON	2005/10/03 15:07
S80	1	("20010051437").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/03 15:15
S81	1	("5691642").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/03 15:15

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S82	87	(US-20010051437-\$ or US-20020026251-\$ or US-20020068012-\$ or US-20020135378-\$ or US-20020195330-\$ or US-20030015415-\$ or US-20030054655-\$ or US-20030132195-\$ or US-20030199108-\$ or US-20030226821-\$ or US-20040007984-\$ or US-20040112536-\$ or US-20040112860-\$ or US-20040147131-\$ or US-20040197938-\$ or US-20040226657-\$ or US-20050034811-\$ or US-20050034812-\$ or US-20050067102-\$ or US-20050084988-\$ or US-20050087298-\$ or US-20050151544-\$ or US-20050194094-\$).did. or (US-4207137-\$ or US-4525871-\$ or US-5001326-\$ or US-5025135-\$ or US-5029174-\$ or US-5160402-\$ or US-5175472-\$ or US-5273609-\$ or US-5325019-\$ or US-5405488-\$ or US-5458732-\$ or US-5467013-\$ or US-5472561-\$ or US-5479340-\$ or US-5523955-\$ or US-5552675-\$ or US-5565737-\$ or US-5705931-\$ or US-5770922-\$ or US-5851842-\$ or US-5971591-\$ or US-6060329-\$ or US-6197116-\$ or US-6252354-\$ or US-6287980-\$ or US-6351683-\$).did. or (US-6447719-\$ or US-6458321-\$ or US-6522121-\$ or US-6535785-\$ or US-6615157-\$ or US-6707255-\$ or US-6825050-\$ or US-6825920-\$ or US-6841124-\$ or US-6852277-\$ or US-6902646-\$ or US-6920312-\$ or US-6929712-\$ or US-6939519-\$ or US-RE38273-\$ or US-6799532-\$ or US-3265967-\$ or US-3572948-\$ or US-6646386-\$ or US-6741944-\$ or US-6861844-\$ or US-5383019-\$ or US-5793162-\$ or US-5691642-\$ or US-6573731-\$ or US-5180985-\$).did. or (EP-458324-\$ or EP-568920-\$).did. or (JP-01048420-\$ or JP-01226153-\$ or JP-06045267-\$ or JP-61247031-\$).did. or (SU-1184113-\$ or JP-01226153-\$ or EP-458324-\$ or EP-685729-\$ or WO-9907914-\$ or US-20050067102-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/03 15:22
S83	33	S82 and amplif\$7	US-PGPUB; USPAT	OR	ON	2005/10/03 15:24
S84	2	S82 and (isolat\$4 with amplif\$7)	US-PGPUB; USPAT	OR	ON	2005/10/03 15:24
S85	13	baldwin-craig.in. spearow-carl.in. vukovic-mirko.in.	US-PGPUB; USPAT	OR	ON	2005/10/03 16:32
S86	1545	118/723r.ccls. 118/663.ccls. 118/688.ccls. 156/345.28.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/03 16:47
S87	2	S86 and intermodulat\$4	US-PGPUB; USPAT	OR	ON	2005/10/03 16:48
S88	90	S86 and (plasma with signal\$3 with control\$4)	US-PGPUB; USPAT	OR	ON	2005/10/03 16:48
S89	22	((("3297745") or ("3804736") or ("4180598") or ("4585519") or ("4716270") or ("4869778") or ("5039715") or ("5081174") or ("5126005") or ("5191014") or ("5260350") or ("5380387") or ("5388754") or ("5420171") or ("5466739") or ("5571570") or ("5695659") or ("5773487") or ("5800695") or ("5945462") or ("6045032") or ("6136880"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/04 14:50
S90	1	("6951263").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/04 14:51
S91	1	("6951623").PN.	US-PGPUB; USPAT	OR	OFF	2005/10/04 14:51
S92	0	(10/674,920).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/21 08:50
S93	1	10/674,920	US-PGPUB; USPAT	OR	ON	2006/02/21 09:05
S94	0	plasma same (summing with circuit) same (isolation with amplifier)	US-PGPUB; USPAT	OR	ON	2006/02/21 09:06

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S95	13	plasma same (summing with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 09:06
S96	39	("5308414").URPN.	USPAT	OR	ON	2006/02/21 09:18
S97	3	("5013886").URPN.	USPAT	OR	ON	2006/02/21 09:21
S98	6	("4289188" "4430151" "4491499" "4657620" "5045149" "5160402").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 09:37
S99	31	plasma same signal same transmit\$5 same sum\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 09:54
S10 0	214262	plasma same input\$4 signal same sum\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 09:54
S10 1	52335	plasma same input\$4 signal same sum\$4	EPO; JPO; DERWENT	OR	ON	2006/02/21 09:55
S10 2	8	plasma same input\$4 same signal same sum\$4	EPO; JPO; DERWENT	OR	ON	2006/02/21 09:55
S10 3	54	plasma same input\$4 same signal same sum\$4	US-PGPUB; USPAT	OR	ON	2006/02/21 09:59
S10 4	8	plasma with input\$4 with signal with sum\$4	US-PGPUB; USPAT	OR	ON	2006/02/21 09:59
S10 5	3	("5013886").URPN.	USPAT	OR	ON	2006/02/21 10:13
S10 6	8	("5059761").URPN.	USPAT	OR	ON	2006/02/21 10:14
S10 7	1	(118/715-733.ccls 156/345.\$ccls.) and (((sum\$4 combin\$4) with input with signal) same plasma)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:25
S10 8	13	(118/715-733.ccls 156/345.\$ccls.) and (((sum\$4 combin\$4) with input with signal))	US-PGPUB; USPAT	OR	ON	2006/02/21 10:57
S10 9	23	(118/715-733.ccls 156/345.\$ccls.) and (test with signal)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:37
S11 0	9	plasma with ("test signal")	US-PGPUB; USPAT	OR	ON	2006/02/21 10:43
S11 1	119	plasma with detect\$3 with (signal) with source	US-PGPUB; USPAT	OR	ON	2006/02/21 10:43
S11 2	71	plasma with detect\$3 with (signal) with source	EPO; JPO; DERWENT	OR	ON	2006/02/21 10:47
S11 3	3	(plasma with detect\$3 with (signal) with source) and sum\$4	EPO; JPO; DERWENT	OR	ON	2006/02/21 10:48
S11 4	3	(plasma with (sens\$4 determin\$4)) and (sum\$4 with circuit)	EPO; JPO; DERWENT	OR	ON	2006/02/21 10:50
S11 5	154	(plasma with (sens\$4 determin\$4)) and (sum\$4 with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:51
S11 6	5	(plasma with (sens\$4 determin\$4)) same (sum\$4 with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:51
S11 7	2	(118/715-733.ccls 156/345.\$ccls.) and (signal with source with sum\$4 with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:58
S11 8	2	(118/715-733.ccls 156/345.\$ccls.) and (signal with source with sum\$4)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:58
S11 9	2	(118/715-733.ccls 156/345.\$ccls.) and (source with sum\$4 with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:58
S12 0	26	(118/715-733.ccls 156/345.\$ccls.) and (sum\$4 with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 10:58
S12 1	26	(118/715-733.ccls 156/345.\$ccls.) and (sum\$4 with circuit)	US-PGPUB; USPAT	OR	ON	2006/02/21 11:07

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S12 2	1	("6652710").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 11:07
S12 3	0	("6652710").URPN.	USPAT	OR	ON	2006/02/21 11:09
S12 4	21	("4198261" "4208240" "4842683" "4953982" "5200023" "5320880" "5362356" "5362969" "5406080" "5444637" "5467013" "5479340" "5497331" "5536359" "5567267" "5635409" "5711843" "5739051" "5788801" "5902403" "5955383").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:09
S12 5	19	S124 and sum\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:09
S12 6	0	((("US6863018B2") or ("US6858446B2") or ("US6830650B2") or ("US6908529B2")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 16:52
S12 7	4	((("6863018") or ("6858446") or ("6830650") or ("6908529")). PN.	US-PGPUB; USPAT	OR	OFF	2006/03/06 13:33
S12 8	1	10/402,927	US-PGPUB; USPAT	OR	ON	2006/03/01 20:39
S12 9	4	((("6863018") or ("6858446") or ("6830650") or ("6908529")). PN.	US-PGPUB; USPAT	OR	OFF	2006/03/06 13:33
S13 0	1	S129 and amplif\$5	US-PGPUB; USPAT	OR	ON	2006/03/06 13:34
S13 1	98	(US-20030015415-\$ or US-20050151544-\$ or US-20030199108-\$ or US-20020026251-\$ or US-20040112536-\$ or US-20050067102-\$ or US-20030054655-\$ or US-20050087298-\$ or US-20040197938-\$ or US-20050034811-\$ or US-20030226821-\$ or US-20040147131-\$ or US-20030132195-\$ or US-20020068012-\$ or US-20020195330-\$ or US-20050084988-\$ or US-20040112860-\$ or US-20040226657-\$ or US-20050034812-\$ or US-20010051437-\$ or US-20040007984-\$ or US-20020135378-\$ or US-20050194094-\$).did. or (US-5523955-\$ or US-5273609-\$ or US-6825920-\$ or US-6939519-\$ or US-6351683-\$ or US-5552675-\$ or US-4207137-\$ or US-RE38273-\$ or US-5160402-\$ or US-6929712-\$ or US-6615157-\$ or US-6920312-\$ or US-6287980-\$ or US-6830650-\$ or US-5025135-\$ or US-5325019-\$ or US-5971591-\$ or US-6841124-\$ or US-6852277-\$ or US-4962461-\$ or US-6252354-\$ or US-5472561-\$ or US-6825050-\$ or US-5479340-\$ or US-5846882-\$ or US-6652710-\$).did. or (US-6535785-\$ or US-6902646-\$ or US-6863018-\$ or US-6858446-\$ or US-6908529-\$ or US-5001326-\$ or US-6447719-\$ or US-6458321-\$ or US-5458732-\$ or US-5405488-\$ or US-6197116-\$ or US-4525871-\$ or US-6707255-\$ or US-5705931-\$ or US-5565737-\$ or US-5467013-\$ or US-5770922-\$ or US-5175472-\$ or US-6522121-\$ or US-5029174-\$ or US-6060329-\$ or US-5851842-\$ or US-5383019-\$ or US-3265967-\$ or US-6861844-\$ or US-6741944-\$ or US-5793162-\$).did. or (US-3572948-\$ or US-6573731-\$ or US-6799532-\$ or US-5691642-\$ or US-6646386-\$ or US-5180985-\$ or US-5308414-\$ or US-5013886-\$ or US-5552016-\$ or US-5059761-\$).did. or (EP-568920-\$ or EP-458324-\$).did. or (JP-06045267-\$ or JP-01048420-\$ or JP-61247031-\$ or JP-01226153-\$).did. or (SU-1184113-\$ or US-20050067102-\$ or WO-9907914-\$ or EP-458324-\$ or EP-685729-\$ or JP-01226153-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 14:53
S13 2	7	S131 and sine	US-PGPUB; USPAT	OR	ON	2006/03/06 15:02
S13 3	11	plasma same sine same wave same oscillator	US-PGPUB; USPAT	OR	ON	2006/03/06 15:08

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S13 4	27	plasma same sine same wave same oscillat\$4	US-PGPUB; USPAT	OR	ON	2006/03/06 15:08
S13 5	16	S134 not S133	US-PGPUB; USPAT	OR	ON	2006/03/06 15:08
S13 6	1	("5025135").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/10 16:39
S13 7	6	("5025135").URPN.	USPAT	OR	ON	2007/01/10 16:39
S13 8	16	("6351683" "6535785").URPN.	USPAT	OR	ON	2007/01/10 17:06
S13 9	29	(118/715-733.ccls. 700/121.ccls. 156/345\$.ccls.) and ((determin\$5 recogni\$4) with (present presence) with plasma)	USPAT	OR	ON	2007/01/10 17:08
S14 0	74	("5658423").URPN.	USPAT	OR	ON	2007/01/10 17:10
S14 1	81	(156/345.24.ccls. 156/345.28.ccls.) and ((sens\$4 detect\$3 recogni\$5) with (present presence))	US-PGPUB; USPAT	OR	ON	2007/01/10 18:24
S14 2	11	(156/345.24.ccls. 156/345.28.ccls.) and (((sens\$4 detect\$3 recogni\$5) with (present presence)) same (calculat\$4 equation multiply product multiplication intermodulation))	US-PGPUB; USPAT	OR	ON	2007/01/10 18:46
S14 3	5	("5322590" "5571366" "5733820" "5958258" "6090718").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 18:30
S14 4	0	("6783626").URPN.	USPAT	OR	ON	2007/01/10 18:36
S14 5	1	("2005/0067102").URPN.	USPAT	OR	ON	2007/01/10 18:45
S14 6	25	(700/121.ccls.) and (((sens\$4 detect\$3 recogni\$5) with (present presence)) same (calculat\$4 equation multiply product multiplication intermodulation))	US-PGPUB; USPAT	OR	ON	2007/01/10 19:12
S14 7	10	klekotka.in.	US-PGPUB; USPAT	OR	ON	2007/01/10 19:09
S14 8	1	("6351863").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/10 19:09
S14 9	1	("6351683").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/10 19:09
S15 0	0	(700/121.ccls.) and (intermodulation)	US-PGPUB; USPAT	OR	ON	2007/01/10 19:11
S15 1	0	(700/121.ccls.) and (inter\$1modulation)	US-PGPUB; USPAT	OR	ON	2007/01/10 19:11
S15 2	0	(700/121.ccls.) and (inter\$1modulat\$3)	US-PGPUB; USPAT	OR	ON	2007/01/10 19:15
S15 3	85	(700/121.ccls.) and (modulat\$3)	US-PGPUB; USPAT	OR	ON	2007/01/10 19:11
S15 4	35	(700/121.ccls.) and ((modulat\$3) with signal)	US-PGPUB; USPAT	OR	ON	2007/01/10 19:12
S15 5	10	(700/121.ccls.) and (((sens\$4 detect\$3 recogni\$5) with (present presence)) same (calculat\$4 equation multiply product multiplication intermodulation)) and plasma	US-PGPUB; USPAT	OR	ON	2007/01/10 19:12
S15 6	10	plasma with (inter\$1modulat\$3)	US-PGPUB; USPAT	OR	ON	2007/01/10 19:22
S15 7	3	plasma with (inter\$1modulat\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:42
S15 8	3	plasma same (inter\$1modulat\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:23

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S159	3	plasma and (inter\$1modulat\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:42
S160	2	(c23c016\$.ipc. c23f001\$.ipc. h01l021.ipc.) and (inter\$1modulat\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:43
S161	2340	(inter\$1modulat\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:43
S162	478	(inter\$1modulat\$3) and product	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:44
S163	478	(inter\$1modulat\$3) and product	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:44
S164	262	(inter\$1modulat\$3) and product and (system apparatus chamber reactor)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:45
S165	398	(inter\$1modulat\$3) and product and (determin\$5 sens\$4 signal\$3 sens\$3 detect\$3 measur\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:45
S166	120	(inter\$1modulat\$3) and product and (determin\$5 sens\$4 signal\$3 sens\$3 detect\$3 measur\$4) and control\$4	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:46
S167	54	(inter\$1modulat\$3) and product and (determin\$5 sens\$4 signal\$3 sens\$3 detect\$3 measur\$4) and control\$4 and (energy power)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:46
S168	1	(inter\$1modulat\$3) and product and (determin\$5 sens\$4 signal\$3 sens\$3 detect\$3 measur\$4) and control\$4 and (energy power) and plasma	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:49
S169	16	coumou.in.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 19:53
S170	14	coumou.in.	US-PGPUB; USPAT	OR	ON	2007/01/10 19:54
S171	12	(mix\$3 combin\$5) same plasma same harmonic\$5 same (sens\$3 detect\$3)	US-PGPUB; USPAT	OR	ON	2007/01/11 14:08
S172	6	(mix\$3 combin\$5) same plasma same harmonic\$5 same (sens\$3 detect\$3) same signal	US-PGPUB; USPAT	OR	ON	2007/01/11 15:11
S173	4	(mix\$3 combin\$5) and plasma and harmonic\$5 and (sens\$3 detect\$3) and signal	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:19
S174	2	"20040222184"	EPO; JPO; DERWENT	OR	ON	2007/01/11 15:59
S175	4	"2003055286"	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:00
S176	9	"1602651"	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:07
S177	4	"10041097"	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:07
S178	0	plasma and harmonic\$5 and (sens\$3 detect\$3)and (signal with (\$4correlat\$4 \$4relat\$4) with \$4linear\$4)	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:14
S179	0	plasma and(sens\$3 detect\$3) and (signal with (\$4correlat\$4 \$4relat\$4) with \$4linear\$4)	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:13
S180	15	plasma and (sens\$3 detect\$3) and ((\$4correlat\$4 \$4relat\$4) with \$4linear\$4)	EPO; JPO; DERWENT	OR	ON	2007/01/11 16:13
S181	59	plasma and harmonic\$5 and (sens\$3 detect\$3)and (signal with (\$4correlat\$4 \$4relat\$4) with \$4linear\$4)	US-PGPUB; USPAT	OR	ON	2007/01/11 16:14

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S18 2	0	plasma same harmonic\$5 same (sens\$3 detect\$3) same (signal with (\$4correlat\$4 \$4relat\$4) same \$4linear\$4)	US-PGPUB; USPAT	OR	ON	2007/01/11 16:14
S18 3	3	315/111.21.ccls. and inter\$1modulat\$4	US-PGPUB; USPAT	OR	ON	2007/01/11 16:22
S18 4	5	315/111.01-111.71.ccls. and inter\$1modulat\$4	US-PGPUB; USPAT	OR	ON	2007/01/11 16:35
S18 5	22	315/111.01-111.71.ccls. and ((detect\$4 sens\$4) with ignit\$4)	US-PGPUB; USPAT	OR	ON	2007/01/11 16:35
S18 6	7	315/111.01-111.71.ccls. and ((detect\$4 sens\$4) with ignit\$4 with signal\$4)	US-PGPUB; USPAT	OR	ON	2007/01/11 16:35
S18 7	3889	inter\$1modulat\$4 with signal	US-PGPUB; USPAT	OR	ON	2007/08/20 17:26
S18 8	6	S187 same plasma	US-PGPUB; USPAT	OR	ON	2007/01/19 14:04
S18 9	5	inter\$1modulat\$4.clm. and (sens\$3 detect\$3 measur\$3 observ\$3).clm. and plasma.clm.	US-PGPUB; USPAT	OR	ON	2007/01/19 14:54
S19 0	45	plasma same (non\$1linear\$4 with (amplifier filter))	US-PGPUB; USPAT	OR	ON	2007/01/19 14:34
S19 1	1	("5025135").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/19 14:34
S19 2	1	gesche.in. and (plasma same nonlinear\$5)	US-PGPUB; USPAT	OR	ON	2007/01/19 14:35
S19 3	0	gesche.in. and (plasma same nonlinear\$5)	EPO; JPO; DERWENT	OR	ON	2007/01/19 14:52
S19 4	2	gesche.in. and (plasma same harmonic\$5)	EPO; JPO; DERWENT	OR	ON	2007/01/19 14:35
S19 5	5	("3694655").URPN.	USPAT	OR	ON	2007/01/19 14:51

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S19 6	130	(US-20030015415-\$ or US-20050034811-\$ or US-20040197938-\$ or US-20030136511-\$ or US-20030132195-\$ or US-20030054655-\$ or US-20030199108-\$ or US-20040226657-\$ or US-20040112860-\$ or US-20030052083-\$ or US-20050151544-\$ or US-20020068012-\$ or US-20020195330-\$ or US-20040147131-\$ or US-20050067102-\$ or US-20030226821-\$ or US-20040112536-\$ or US-20050087298-\$ or US-20050252884-\$ or US-20040128021-\$ or US-20040128014-\$ or US-20050234574-\$ or US-20050264218-\$ or US-20020180450-\$ or US-20020132479-\$ or US-20040222184-\$).did. or (US-20050084988-\$ or US-20020026251-\$ or US-20050194094-\$ or US-20050034812-\$ or US-20040007984-\$ or US-20020135378-\$ or US-20010051437-\$ or US-20040035837-\$).did. or (US-5479340-\$ or US-6852277-\$ or US-6447719-\$ or US-6825920-\$ or US-6902646-\$ or US-6608446-\$ or US-6458321-\$ or US-5472561-\$ or US-6535785-\$ or US-6615157-\$ or US-6830650-\$ or US-6252354-\$ or US-5273609-\$ or US-4962461-\$ or US-5523955-\$ or US-6351683-\$ or US-6841124-\$ or US-6939519-\$ or US-6165312-\$ or US-5001326-\$ or US-5552675-\$ or US-4207137-\$ or US-5160402-\$ or US-6929712-\$ or US-5971591-\$ or US-5846882-\$).did. or (US-6652710-\$ or US-6287980-\$ or US-6920312-\$ or US-5325019-\$ or US-6825050-\$ or US-5458732-\$ or US-6783626-\$ or US-7054786-\$ or US-6908529-\$ or US-6863018-\$ or US-6858446-\$ or US-6985787-\$ or US-5025135-\$ or US-5405488-\$ or US-RE38273-\$ or US-5175472-\$ or US-5770922-\$ or US-6197116-\$ or US-4525871-\$ or US-5705931-\$ or US-5565737-\$ or US-6707255-\$ or US-5467013-\$ or US-6799532-\$ or US-6060329-\$ or US-6522121-\$ or US-3572948-\$).did. or (US-5691642-\$ or US-5383019-\$ or US-5029174-\$ or US-5851842-\$ or US-6573731-\$ or US-3265967-\$ or US-6861844-\$ or US-5982099-\$ or US-5793162-\$ or US-5180985-\$ or US-6741944-\$ or US-6646386-\$ or US-6132577-\$ or US-5059761-\$ or US-5308414-\$ or US-5552016-\$ or US-5013886-\$ or US-4871307-\$ or US-3694655-\$).did. or (EP-568920-\$ or EP-1265267-\$ or EP-1231524-\$ or EP-458324-\$).did. or (JP-06045267-\$ or JP-01048420-\$ or JP-61247031-\$ or JP-10041097-\$ or JP-2005268214-\$ or JP-01226153-\$ or JP-02051071-\$).did. or (SU-1184113-\$ or US-20050067102-\$ or US-20040007984-\$ or US-20060232471-\$ or US-20050119864-\$ or US-6608446-\$ or JP-2003179029-\$ or JP-2003179030-\$ or WO-9907914-\$ or EP-685729-\$ or EP-458324-\$ or JP-01226153-\$ or DE-3821208-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/19 14:52
S19 7	21	S196 and (nonlinear\$5)	US-PGPUB; USPAT	OR	ON	2007/01/19 14:52
S19 8	5	(non\$1linear\$5 with impedance with (sens\$3 detect\$3 measur\$3 observ\$3)) same plasma	US-PGPUB; USPAT	OR	ON	2007/01/19 14:55